

Converting Colors

XYZ(59.3013, 50.8517, 50.1453)

Have a look what the booklet for
XYZ(59.3013, 50.8517, 50.1453)
contains.

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Color

**XYZ(59.3332, 50.9629,
50.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AAB5
RGB	242, 170, 181
RGB Percent	95%, 67%, 71%
CMY	0.0510, 0.3333, 0.2902
CMYK	0.00, 0.30, 0.25, 0.05
HSL	351°, 73%, 81%
HSV	351°, 30%, 95%
XYZ	59.3332, 50.9629, 50.4257
YIQ	192.7820, 39.3810, 18.6850

Conversions

Conversions Part 2

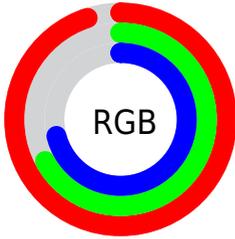
Format	Color
R _Y B	242, 170, 181
Decimal	15903413
CIE Lab	76.66, 27.94, 5.02
CIE LCh	77, 28.388, 10.177
Yxy	50.9629, 0.3692, 0.3171
Android (android.graphics.Color)	4294093493 (0xFFF2AAB5)
YUV	192.7820, -5.8085, 43.1642
Hunter-Lab	71.3883, 23.4278, 8.0918

Details

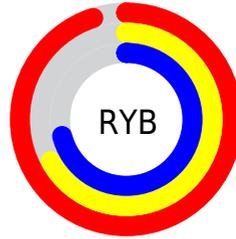
The XYZ color **59.3332, 50.9629, 50.4257** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7557, 77.8211, 87.3187**, and the grayscale version is **50.5786, 53.2126, 57.9486**.

A 20% lighter version of the original color is **83.7224, 81.7671, 91.4908**, and **30.2652, 24.5954, 23.5743** is the 20% darker color. If you saturate the color by 10%, you get **53.2559, 41.9308, 38.7727**, and if you desaturate by 10%, it is **66.5580, 61.7936, 63.9899**.

Distribution



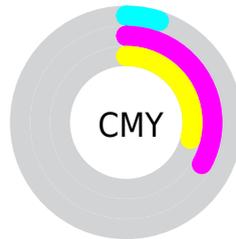
- Red (95%)
- Green (67%)
- Blue (71%)



- Red (95%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3332, 50.9629, 50.4257 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.3332, 50.9629, 50.4257 by changing the saturation by 10% instead.

 59.3332, 50.9629,
50.4257

 59.3332, 50.9629,
50.4257

412.0098,
390.4196, 405.1110

 43.1288, 36.1791,
35.3782

 102.9736, 91.5999,
92.2081

 30.1811, 24.5725,
23.6685

131.1404,
118.2219, 119.7801

 20.1249, 15.7589,
14.8780

164.0253,
149.5588, 152.3640

 12.5946, 9.3537,
8.5881

201.9938,
185.9949, 190.3783

 7.2251, 4.9726,
4.3804

245.4111,
227.9146, 234.2416

 3.6508, 2.2312,
1.8363

294.6426,

 1.5066, 0.7369,

275.7024, 284.3725

0.4517

350.0537,
329.7426, 341.1895

■ 0.3303, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3332, 50.9629,
50.4257

■ 59.3332, 50.9629,
50.4257

■ 53.2559, 41.9308,
38.7727

■ 66.5580, 61.7936,
63.9899

■ 48.2625, 34.5931,
28.9416

■ 74.9811, 74.5055,
79.5430

■ 44.2896, 28.8456,
20.8405

■ 84.6553, 89.1848,
97.1620

■ 41.2656, 24.5701,
14.3681

■ 90.4281, 97.6173,
108.6837

■ 39.1091, 21.6314,
9.4124

■ 37.7247, 19.8696,
5.8467

■ 36.9661, 19.0270,
3.5136

■ 36.9514, 19.0107,
3.4688

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8200, 50.9629, 66.1385



59.3332, 50.9629, 50.4257



56.7671, 50.9629, 38.5096

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.3332, 50.9629, 50.4257



42.0758, 50.9629, 35.8176



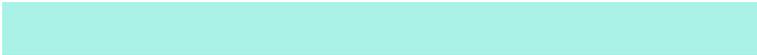
45.0196, 50.9629, 88.2303

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.3332, 50.9629, 50.4257



62.7557, 77.8211, 87.3187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.9675, 50.9629, 76.8461



59.3332, 50.9629, 50.4257



39.3569, 50.9629, 46.0505

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.3332, 50.9629, 50.4257



46.6365, 50.9629, 31.1692



38.9668, 50.9629, 60.8824



50.2867, 50.9629, 89.9959

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3332, 50.9629, 50.4257



53.7594, 50.9629, 33.5791



38.9668, 50.9629, 60.8824



43.4812, 50.9629, 85.3139

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.3346, 50.9653, 50.4267



85.1864, 85.0317, 90.9413



63.0365, 51.9858, 90.7167



17.9155, 17.7191, 18.8823



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.3346, 50.9653, 50.4267



62.3305, 50.7086, 48.2126



63.1671, 60.3653, 46.3556



15.8712, 15.7982, 16.8779



19.8815, 10.2250, 2.0269



1.6834, 0.8624, 0.3238

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.3346, 50.9653, 50.4267



62.3305, 50.7086, 48.2126



57.6780, 65.1016, 93.5307



15.8712, 15.7982, 16.8779



19.8815, 10.2250, 2.0269



1.6834, 0.8624, 0.3238

Previews

White Background



This preview shows how the XYZ color 59.3332, 50.9629, 50.4257 looks on a white background.

Color Contrast Check

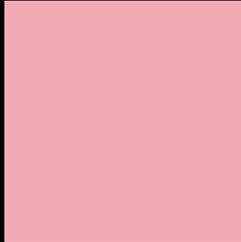
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.3332, 50.9629, 50.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3332, 50.9629, 50.4257

Background



This preview shows how black text looks on a background with the XYZ color 59.3332, 50.9629, 50.4257.



This preview shows how white text looks on a background with the XYZ color 59.3332, 50.9629,

50.4257.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.3332, 50.9629, 50.4257

Protanopia

49.3398, 51.3632, 56.6038

Deuteranopia

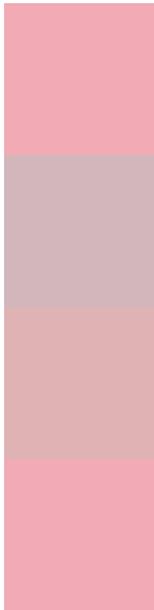
52.2215, 51.1187, 49.7623



Tritanopia

59.5399, 51.0456, 51.5144

Trichromacy



Original Color

59.3332, 50.9629, 50.4257

Protanomaly

52.2759, 50.7454, 54.0533

Deuteranomaly

54.5900, 50.8241, 50.1128

Tritanomaly

59.4362, 51.0041, 50.9681

Monochromacy



Original Color

59.3332, 50.9629, 50.4257

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.3982, 52.2209, 55.4094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3332, 50.9629, 50.4257 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(242, 170, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 170, 181) }
```

Border

The CSS property to change the border of an element to XYZ 59.3332, 50.9629, 50.4257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 170, 181) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 170, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(242, 170,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3332, 50.9629, 50.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 170, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
170, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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